



# Apple LaserWriter Pro 810

## Features

### Print quality

- 400-dot-per-inch resolution default and up to 800-dot-per-inch resolution for high-quality text and graphics
- 64 scalable fonts for printing a wide range of styles and sizes

### Connectivity

- Serial, LocalTalk, and Ethernet ports for compatibility in mixed environments
- Built-in network card for transparent, simultaneous printing over Ethernet from multiple operating systems using four concurrent protocols: IPX, TCP/IP, EtherTalk, and Digital LAT
- Virtual Printer Technology provides switching between PostScript Level 2 and PCL emulations
- Twisted-pair or thin-wire Ethernet transceiver configurations available to meet your requirements

### Power and speed

- Weitek 8200 RISC processor
- 20-page-per-minute maximum print speed

### Versatility

- NetWare IPX, AppleTalk, TCP/IP, and Digital LAT protocol support over Ethernet
- Supports PostScript Level 2 and PCL 4+; offers seamless transfer between page description languages
- Three universal cassettes support multiple paper sizes, including tabloid, A3, A4, A5, B4, B5, letter, and legal
- Optional cassettes support executive and folio paper sizes
- Allows printing on envelopes, labels, transparencies, and letterhead or plain paper
- 400-dot-per-inch native engine resolution with controller technology allowing 600- and 800-dot-per-inch resolutions
- Optional Internal PostScript fax cartridge is available to take advantage of printer's fax send/receive capability and allow up to 800-dot-per-inch crisp, plain-paper printing of PostScript faxes

The Apple LaserWriter Pro 810 printer provides a versatile enterprise printing solution for large workgroups. Designed for extensive connectivity, it delivers high-quality output, expanded paper handling, and flexibility in mixed environments.

The LaserWriter Pro 810 uses 400-dot-per-inch engine technology that—combined with controller technology that supports up to 800-dot-per-inch print resolution—provides the highest quality available from a LaserWriter and prints up to 20 pages per minute.

The LaserWriter Pro 810 prints on a wide selection of media, including envelopes, labels, transparencies, plain paper, and letterhead. It provides 750 sheets of paper input standard using three universal cassettes. Optional cassettes and an automated feeder are available for additional sizes and paper thicknesses.

With built-in serial, LocalTalk, and Ethernet ports, the LaserWriter Pro 810 can print documents generated by many different types of computers, including those running Macintosh, MS-DOS, Windows, or UNIX operating systems. And with its built-in network

card, the LaserWriter Pro 810 can communicate on Ethernet networks using its multiple concurrent protocols—TCP/IP, AppleTalk, NetWare IPX, and Digital LAT—further increasing your connectivity options.

The LaserWriter Pro 810 comes with 64 TrueType scalable fonts on disk for high-quality text in many different styles and sizes. It supports PostScript Level 2 for the advantages of improved performance, caching, and memory management, as well as PCL 4+ for MS-DOS application compatibility. And using its Virtual Printer Technology, the LaserWriter Pro 810 automatically directs printing jobs according to the emulation or page description language of the job. PCL jobs are printed by a PCL virtual printer; PostScript jobs are printed by a PostScript virtual printer.

With its diverse networking capabilities and support for a variety of paper sizes, the LaserWriter Pro 810 can handle your most demanding challenges—today and well into the future.





# Apple LaserWriter Pro 810

## Ordering Information

### Apple LaserWriter Pro 810 (U.S.)

Twisted-pair Ethernet version

Order No. B1322LL/A

Thin-wire Ethernet version

Order No. B1321LL/A

- Apple LaserWriter Pro 810 printer
- Toner cartridge
- LaserWriter Pro Accessory Kit: Installation software and fonts disk set, user's guide, power cable, limited warranty

### Toner Cartridge

Order No. M1853G/A

### PostScript Fax Cartridge

(U.S. and Canada availability only)

Order No. M1772LL/A

### 4MB Memory Expansion Card

Order No. M1442G/A

### 8MB Memory Expansion Card

Order No. M1443G/A

### Automated Media Feeder

Order No. M1763G/A

### Universal Cassette

Order No. M1857G/A

### Executive Cassette

Order No. M1851G/A

### Folio Cassette

Order No. M1854G/A

## Technical Specifications

### Print engine

- Fuji Xerox XP 20

### Print quality

- 800-, 600-, 400-, and 300-dot-per-inch (user selectable) available in PostScript mode; 300-dot-per-inch available in PCL mode

### Print speed

- Up to 20 pages per minute (varies with image complexity)

### Controller

- Weitek 8200 RISC processor

### Ports

- Serial, LocalTalk, and Ethernet ports
- External SCSI port

### Memory

- 8MB standard; expandable to 32 via 4MB and 8MB Expansion Kits
- 8MB required for 800-dpi letter size
- 12MB required for 800-dpi legal size
- 16MB required for 800-dpi tabloid size

### Fonts

- 64 TrueType fonts on disks from the following families: ITC Avant Garde, ITC Bookman, Chicago, Courier, Delphin, Garamond Narrow, Geneva, Helvetica, Helvetica Narrow, Lubalin Graph, Lucida Bright, ITC Machine, Nadianne, Monaco, New Century Schoolbook, New York, Old English Text, Onyx, Palatino, Swing Bold, Symbol, Times, ITC Zapf Chancery, ITC Zapf Dingbats, and Zeal
- 35 PostScript Type 1 fonts
- 32 fonts in PCL mode

### Drivers

- Macintosh, Windows, and MS-DOS drivers

### Page description languages

- PostScript Level 2
- PCL 4+
- Auto-emulation switching provided through Virtual Printer Technology

### Recommended duty cycle

- Minimum life expectancy: 600,000 pages
- Toner cartridge: 11,000 pages at 5% density

### Print materials

- #10 business envelopes (9.5" x 4.25")
- Most standard labels
- Paper sizes: U.S. letter, U.S. legal, tabloid, A3, A4, A5, B4, B5, folio, and executive
- Most letterhead and colored stock
- Medium-weight photocopier transparencies

### Paper handling

- Three universal cassettes standard: each holds 250 sheets and supports letter, legal, and tabloid paper sizes
- Optional cassettes: executive and folio
- Optional automated media feeder

### Output tray

- 250-sheet face-down stacker

### Network management

- Supports SNMP, allowing the printer to be recognized as a network element and managed by system administrators
- Features Remote Console Facility (RCF), allowing network managers in TCP/IP, NetWare, and LAT environments to recognize, diagnose, and manage the printer

### Internal Adobe PostScript fax cartridge option

- Send and receive capabilities
- Adobe PostScript fax compatible
- Group 3 fax compatible
- Prints up to 800 dpi PostScript faxes on plain paper

### Power requirements

- U.S./Japan: 100 to 115 V, 50 to 60 Hz
- Europe/Australia: 220 to 240 V, 50 Hz

### Power consumption

- 850 W maximum at 115 or 220 V

### Environmental requirements

- Operating temperature: 60° to 90° F (15° to 32° C)
- Relative humidity: 20% to 80% noncondensing
- Toner cartridge transit environment: -4° to 104° F (-20° to 40° C)

### Size and weight

- Height: 19.5 in. (49.5 cm)
- Width: 20.5 in. (52.0 cm)
- Depth: 21.5 in. (54.6 cm)
- Weight: 81 lbs (37 kg)



## Apple Computer, Inc.

20525 Mariani Avenue  
Cupertino, CA 95014  
(408) 996-1010  
Tlx 171-576

© 1993 Apple Computer, Inc. All rights reserved. Apple, the Apple logo, EtherTalk, LaserWriter, LocalTalk, and Macintosh are trademarks of Apple Computer, Inc., registered in the U.S. and other countries. Chicago, Geneva, Monaco, New York, and TrueType are trademarks of Apple Computer, Inc. Helvetica, Palatino, and Times are registered trademarks of Linotype AG and/or its subsidiaries. ITC Avant Garde Gothic, ITC Bookman, ITC Zapf Chancery, and ITC Zapf Dingbats are registered trademarks of International Typeface Corporation. TrueType is a trademark of Apple Computer, Inc. Adobe, PostScript, and the PostScript logo are trademarks of Adobe Systems Incorporated, which may be registered in certain jurisdictions. MS-DOS is a registered trademark and Windows is a trademark of Microsoft Corporation. UNIX is a registered trademark of UNIX System Laboratories, Inc. Virtual Printer Technology is a trademark of Dataproducts Corporation. Mention of non-Apple products is for informational purposes and constitutes neither an endorsement nor a recommendation. Apple assumes no responsibility with regard to the selection, performance, or use of these products. All understandings, agreements, or warranties, if any, take place directly between the vendors and the prospective users.

September 1993. Product specifications are subject to change without notice. Printed in U.S.A.  
114901J/3